T-161

WesternGeco, L.L.C.

Intellectual Property Law WesternGeco, L.L.C. 10001 Richmond Avenue Houston, Texas 77042 (713) 689-2747

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FROM:

Rebecca Tanis

PHONE NO.: (713) 689-2747

FAX NO.: EMAIL:

(713) 689-5777 rtanis@slb.com

NUMBER OF PAGES (Including cover page):

Please find a Response and Amendment to the Office Action dated 21 September 2004. A copy of the Office Action is also enclosed.

Attorney Docket Number: 594-25573-US

Application Number: 10/082,570

Filed: 25 February 2002

Entitled: METHOD OF NOISE REMOVAL FOR CASCADED SWEEP DATA

Regards,

Rebecca Tanis

WesternGeco, L.L.C.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: Moerig, et al.

Confirmation No.: 3171

OCT 0 6 2004

Serial No.: 10/082,570

Group Art Unit: 2863

Filed: 25 February 2002

Examiner: TAYLOR, VICTOR J.

1 1

Attorney Docket: 594-25573-US

For: METHOD OF NOISE REMOVAL FOR

CASCADED SWEEP DATA

RESPONSE AND AMENDMENT

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington, DC 20231 by:

X facsimile to number 703-872-9306.

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Express Mail: Post Office to Addressee No.

October 6, 2004

Date

INTRODUCTORY COMMENTS

Sir:

This paper is submitted in response to the Office Action dated September 21, 2004, for which the one-month date for response is October 21, 2004.

Amendments to the Specification begin on page 3 of this Amendment.

T-161 P.003/007 F-391

If an extension of time is required to enable this paper to be timely filed and there is no separate Petition for Extension of Time filed herewith, this paper is to be construed as also constituting a Petition for Extension of Time Under 37 CFR § 1.136(a) for a period of time sufficient to enable this document to be timely filed.

It is believed that no fee is due; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason, the Assistant Commissioner is authorized to deduct said fees from Deposit Account No. 50-1720.

Reconsideration of the application is respectfully requested.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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